Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012821\
Data File : VU042204.D
Acq On : 28 Jan 2021 14:27
Operator : SY/MD
Sample : VSTDICC002
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

Manual Integrations APPROVED
SAM
2/3/2021 5:10:12 PM

Quant Time: Jan 29 07:38:51 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U012821DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Jan 29 07:37:00 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.124	96	14165	1.00	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.642	95	5486	1.00	ug/l	0.00
Spiked Amount 1.000			Recovery = 100.00%			
68) 1,2-Dichlorobenzene-d4	12.205	152	5607	1.03	ug/l	0.00
Spiked Amount 1.000			Recovery = 103.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	11263	2.06	ug/l	97
3) Chloromethane	1.523	50	9967	1.98	ug/l	96
4) Vinyl Chloride	1.610	62	9757	2.06	ug/l	99
5) Bromomethane	1.864	94	4747	1.55	ug/l	91
6) Chloroethane	1.941	64	5580	2.04	ug/l	99
7) Trichlorofluoromethane	2.147	101	13785	2.06	ug/l	98
8) 1,1,2-Trichloro-1,2,2-...	2.591	101	7298	2.03	ug/l	97
9) 1,1-Dichloroethene	2.591	96	6710	2.07	ug/l	91
10) Iodomethane	2.732	142	9260	2.07	ug/l	97
11) Allyl Chloride	2.935	41	13515	2.13	ug/l	100
12) Acrylonitrile	3.327	53	3319	4.33	ug/l	99
13) Acetone	2.639	43	5766	10.69	ug/l	95
14) Carbon Disulfide	2.803	76	21421	2.00	ug/l	97
15) Methylene Chloride	3.057	84	7699	2.09	ug/l	98
16) trans-1,2-Dichloroethene	3.362	96	7065	2.05	ug/l	94
17) 1,1-Dichloroethane	3.880	63	13664	2.02	ug/l	99
18) 2-Butanone	4.732	43	10456	10.32	ug/l	98
19) Cyclohexane	5.391	56	13972m	2.26	ug/l	
20) Methylcyclohexane	6.771	83	14304	2.12	ug/l	98
21) 2,2-Dichloropropane	4.678	77	13367	2.00	ug/l	97
22) cis-1,2-Dichloroethene	4.678	96	7643	2.00	ug/l	98
23) Diethyl Ether	2.385	59	5495	2.06	ug/l	97
24) tert-Butyl Alcohol	3.218	59	3978	18.56	ug/l	100
25) Methyl tert-Butyl Ether	3.379	73	18893	2.00	ug/l	99
26) Bromochloromethane	4.989	128	3521	2.01	ug/l	97
27) Chloroform	5.102	83	13923	2.05	ug/l	100
28) 1,1,1-Trichloroethane	5.324	97	12530	1.96	ug/l	99
29) 1,1-Dichloropropene	5.533	75	11997	2.16	ug/l	99
30) Carbon Tetrachloride	5.530	117	12250	2.09	ug/l	96
31) Isopropyl Ether	4.015	45	26123	2.09	ug/l	98
32) Ethyl-t-butyl ether	4.523	59	23763	2.10	ug/l	98
33) Tert-Amyl methyl ether	5.964	73	21963	2.10	ug/l	98
34) Propionitrile	4.803	54	2982	11.54	ug/l #	81
35) Benzene	5.784	78	31510	2.06	ug/l	99
36) 1,2-Dichloroethane	5.809	62	11441	2.11	ug/l	97
37) Trichloroethene	6.552	130	8746	2.12	ug/l	98
38) 1,2-Dichloropropane	6.803	63	8358	2.03	ug/l	97
39) Methacrylonitrile	4.996	41	3452m	2.16	ug/l	
40) Methyl acrylate	4.867	55	4529	2.10	ug/l #	94
41) Tetrahydrofuran	5.079	42	2514m	3.18	ug/l	
42) 1-Chlorobutane	5.468	56	17337	2.08	ug/l	100
43) Dibromomethane	6.931	93	4610	2.10	ug/l	96
44) Bromodichloromethane	7.118	83	10925	1.98	ug/l	99

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Quant Time: Jan 29 07:38:51 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U012821DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Jan 29 07:37:00 2021
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 4-Methyl-2-Pentanone	7.812	43	37650	10.99	ug/l		98
46) t-1,4-Dichloro-2-butene	10.844	75	4781m	3.95	ug/l		
47) Methyl methacrylate	6.976	69	8868	3.94	ug/l		95
48) Ethyl methacrylate	8.349	69	9844	2.14	ug/l		95
49) Toluene	7.980	92	19393	2.01	ug/l		97
50) t-1,3-Dichloropropene	8.221	75	11129	2.04	ug/l		96
51) cis-1,3-Dichloropropene	7.620	75	12234	1.98	ug/l		98
52) 1,1,2-Trichloroethane	8.410	97	6215	2.09	ug/l		96
53) 1,3-Dichloropropane	8.587	76	11402	2.11	ug/l		99
54) 2-Hexanone	8.703	43	27744	11.58	ug/l		98
55) Dibromochloromethane	8.822	129	7168	1.92	ug/l		99
56) 1,2-Dibromoethane	8.935	107	6292	2.07	ug/l		98
58) Tetrachloroethene	8.562	164	7584	1.91	ug/l		97
59) Chlorobenzene	9.455	112	21148	2.07	ug/l		99
60) 1,1,1,2-Tetrachloroethane	9.545	131	7955	2.00	ug/l		98
61) Pentachloroethane	11.439	117	6255	2.23	ug/l		99
62) Hexachloroethane	12.487	117	5945	1.97	ug/l		99
63) Ethyl Benzene	9.578	91	39004	2.11	ug/l		100
64) m/p-Xylenes	9.703	106	28757	4.19	ug/l		98
65) o-Xylene	10.108	106	14178	2.10	ug/l		100
66) Styrene	10.124	104	23665	2.08	ug/l		99
67) Bromoform	10.301	173	4524	1.87	ug/l	#	97
69) Isopropylbenzene	10.494	105	38481	2.11	ug/l		100
70) 1,1,2,2-Tetrachloroethane	10.793	83	8139	2.18	ug/l		96
71) 1,2,3-Trichloropropane	10.841	75	6376m	2.14	ug/l		
72) Bromobenzene	10.793	156	9674	2.10	ug/l		100
73) n-propylbenzene	10.915	120	10458	2.21	ug/l		99
74) 2-Chlorotoluene	10.996	126	9162	2.15	ug/l		96
75) 1,3,5-Trimethylbenzene	11.098	105	33654	2.18	ug/l		99
76) 4-Chlorotoluene	11.105	126	9321	2.14	ug/l		99
77) tert-Butylbenzene	11.430	119	32897	2.14	ug/l		98
78) 1,2,4-Trimethylbenzene	11.478	105	33628	2.19	ug/l		98
79) sec-Butylbenzene	11.652	105	43052	2.21	ug/l		99
80) Nitrobenzene	13.221	77	996	9.19	ug/l	#	87
81) p-Isopropyltoluene	11.803	119	36319	2.21	ug/l		98
82) 1,3-Dichlorobenzene	11.754	146	18306	2.16	ug/l		99
83) 1,4-Dichlorobenzene	11.844	146	18423	2.20	ug/l		99
84) n-Butylbenzene	12.217	91	34235	2.36	ug/l		100
85) 1,2-Dichlorobenzene	12.224	146	17711	2.16	ug/l		99
86) 1,2-Dibromo-3-Chloropr...	13.008	75	1603	2.11	ug/l		98
87) 1,2,4-Trichlorobenzene	13.851	180	13808	2.49	ug/l		97
88) Hexachlorobutadiene	14.031	225	7624	2.31	ug/l		98
89) Naphthalene	14.098	128	25757	2.60	ug/l		99
90) 1,2,3-Trichlorobenzene	14.339	180	12342	2.35	ug/l		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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